

JAN 30 2007

**Practitioner's Docket No.: 1372.55.PRC****PATENTS**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jiang Liu et al.

Serial No.: 10/605,628

Filing Date: October 15, 2003

For: System and Method for Characterizing  
and Simulating a Frequency Translation  
Device

Examiner: Jacob, Mary C.

Art Unit: 2123

Transmitted to Central Fax at (571) 273-8300  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

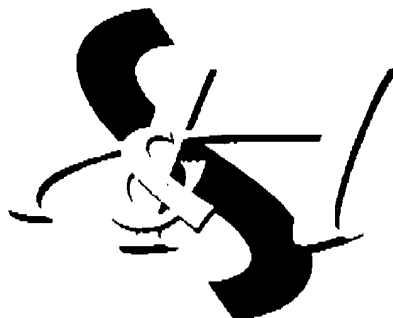
In response to the nonfinal Examiner's Action mailed on October 30, 2006, the above-identified patent application is amended a first time as follows. Applicant has elected to present the amendment using the revised amendment format set forth in the waiver of 37 CFR 1.121.

AMENDMENT A

(37 C.F.R. § 1.111)

**Amendments to the specification** begin on page 2 of this paper.**Amendments to the claims** begin on page 4 of this paper.**Remarks** begin on page 11 of this paper.**Replacement drawing** for Fig. 6 is included with this paper.**Replacement drawing** for Fig. 7 is included with this paper.

JAN 30 2007



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INTELLECTUAL PROPERTY LAW

To:	U.S. Patent & Trademark Office	From:	Molly Sauter
Attn:	Mary C. Jacob, Art Unit: 2123	Client:	1372.55.PRC
Fax:	(571) 273-8300	Pages:	21 including coversheet
Phone:	(571) 272-6249	Date:	January 30, 2007
Re:	USPN: 10/605,628	CC:	University of South Florida

☐ Urgent    ☒ For Review    ☐ Please Comment    ☐ Please Reply    ☐ Please Recycle

Dear Examiner Benson:

In response to the final office action mailed October 30, 2006, we enclose the following:

- 1) Response Transmittal with Certificate of Facsimile Transmission under 37 CFR 1.8(a) dated January 30, 2007-(2 pages) ;
- 2) Amendment A with Certificate of Facsimile Transmission under 37 CFR 1.8(a) dated January 30, 2007 - (16 pages);
- 3) Replacement drawing for Figure 6 (1 page); and
- 4) Replacement drawing for Figure 7 (1 page).

Very respectfully,

Molly Sauter  
USPTO Reg. No. 46,457

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. : 10/605,628 Confirmation No. 2627  
Applicant : Jiang Liu et al.  
Filed: : 10/15/2003  
TC/A.U. : 2123  
Examiner : Mary C. Jacob  
Docket No. : 1372.55.PRC  
Customer No. : 21,901  
For : System and Method for Characterizing and Simulating a Frequency Translation Device

Transmitted to Central Fax at (571) 273-8300  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TRANSMITTAL**

1. Transmitted herewith is an amendment for this application.

**STATUS**

2. Applicants are independent inventors.

**EXTENSION OF TERM**

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required.

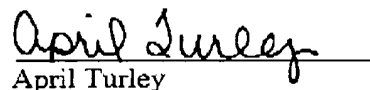
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**CERTIFICATE OF FACSIMILE TRANSMISSION**

(37 C.F.R. 1.8(a))

I HEREBY CERTIFY that this Amendment A is being transmitted by facsimile to the United States Patent and Trademark Office, Art Unit 2123, Attn.: Mary C. Jacob, (517) 273-8300 on January 30, 2007.

Dated: January 30, 2007

  
April Turley

(Amendment Transmittal - Page 1 of 2)

JAN 30 2007

## FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col.1)		(Col. 2)	(Col. 3)	SMALL ENTITY	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Addit. Fee
Total	37	Minus	37	= 0	x \$25 =	\$0
Indep.	4	Minus	4	= 0	x \$100 =	\$0
First Presentation of Multiple Dependent Claim					+ \$180 =	\$0
Total					Addit. Fee	\$0

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
  - \*\* If the "Highest No. Previously Paid For" IN THIS SPACE (Column 2, Row 1) is less than 20, enter "20".
  - \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE (Column 2, Row 2) is less than 3, enter "3".
- The "Highest No. Previously Paid For" (Total or Indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

No additional fee for claims is required.

Very respectfully,



## SIGNATURE OF PRACTITIONER

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(Amendment Transmittal - Page 2 of 2)